

Intel Core 5 120U processor

10 core, up to 5.0 GHz, 12 MB cache

16GB DDR4 RAM

128GB SSD

No WiFi

Ubuntu Linux



SKU: R-I5_14-16-M128-12_5-X-U-0

Thinvent Neo R/4: Compact Power, Uncompromising Performance.

Unleash a new era of productivity with the Thinvent® Neo R/4 Mini PC. Expertly engineered to deliver robust computing power in an ultra-compact design, this Mini PC is the ideal solution for professionals, businesses, and power users demanding efficiency without compromise.

Core Performance Redefined

Experience lightning-fast responsiveness and seamless multitasking driven by the advanced Intel® Core™ 5 120U processor, featuring

- Ten high-performance cores
- A scorching 5.0 GHz maximum turbo frequency
- A substantial 12 MB cache for rapid data access

Bolstered by 16GB of DDR4 RAM, the Neo R/4 handles demanding applications with ease, ensuring a smooth and fluid workflow. Boot up in seconds and access your crucial data at unparalleled speeds thanks to the integrated 256GB SSD storage.

Optimized for Productivity and Connectivity

Pre-installed with Ubuntu Linux 24.04 LTS, you benefit from

- A highly secure and stable open-source operating system
- Long-term support for reliability

Freedom from licensing costs

Enhance your workspace with flexible display options, including two HDMI and one VGA output, supporting up to three independent screens for ultimate multitasking. Connect all your essential peripherals with two USB 3.0 and two USB 2.0 ports. For consistent, high-speed networking, a 1000 Mbps Ethernet port ensures a robust wired connection, perfect for critical business operations or high-bandwidth tasks. Integrated speaker out and mic in ports provide full audio capabilities.

Designed for Any Environment

The Thinvent Neo R/4 is crafted for durability and discretion. Its sleek black, powder-coated steel housing measures a mere 198mm x 200mm x 73mm and weighs an astonishing 110 grams, making it incredibly easy to integrate or mount anywhere. Powered by an energy-efficient 12V 7A adapter with wide 100~275V AC input, it's ready for global deployment.

Assured Quality and Reliability

- Certified with BIS, RoHS, and ISO standards for peace of mind.
- Engineered for reliable operation in temperatures from 0°C to 40°C and 20% to 80% non-condensing humidity.



Thinvent Neo R/4 Mini PC



Specifications

PROCESSING

Generation	14th
Series	i5
Processor Brand	Intel
Processor Model	120U
Cores	10
Max Frequency	5 GHz
Cache	12 MB
Main Memory	16 GB
SSD Storage	128 GB

DISPLAY

HDMI	2
VGA	1

AUDIO

Speaker Out	1
Mic In	1

CONNECTIVITY

USB 3.0	2
USB 2.0	2

NETWORKING

Ethernet	1000 Mbps
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POWER

DC Voltage	12 Volts
DC Current	5 Amps
Power Input	100~240 Volts AC, 50~60 Hz, 1.5 Amps maximum
Cable Length	2 Metre

ENVIRONMENTAL

Operating Temperature	0°C ~ 40°C
Operating Humidity	20% ~ 80% RH, non condensing
Certifications	BIS, RoHS, ISO

PHYSICAL

Form Factor	Mini PC
Dimensions	198mm × 200mm × 73mm
Packing Dimensions	340mm × 235mm × 105mm
Weight	110 grams
Housing Material	Steel
Housing Finish	Powder Coated
Housing Colour	Black
Net and Gross Weight	1.23kg, 1.65kg

OPERATING SYSTEM

Operating System	Ubuntu Linux 24.04 LTS
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Ordering Information

PRODUCT CODE			
R-i5_14-[RAM]-[SSD]-12_7-[Wireless]-[OS]-[Accessories]			
RAM	4 = 4GB DDR4 64 = 64GB DDR4	8 = 8GB DDR4	16 = 16GB DDR4 32 = 32GB DDR4
SSD	m128 = 128GB m32 = 32GB m1024 = 1TB S128 = 128GB		m256 = 256GB m512 = 512GB S32 = 32GB MLC S256 = 256GB
Wireless	m = Dual Band WiFi		X = No WiFi
OS	DOS = DOS 11V = Windows 11 IoT Value Thinix = Thinix™ Embedded Linux		W_OS = Without OS 11P = Windows 11 Pro U = Ubuntu Linux
Accessories	0 = None 1S = DB9 Serial Mo = Wired Optical Scroll Mouse		KM = Keyboard and Mouse set MK = Mechanical Keyboard

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